

FIG. 1

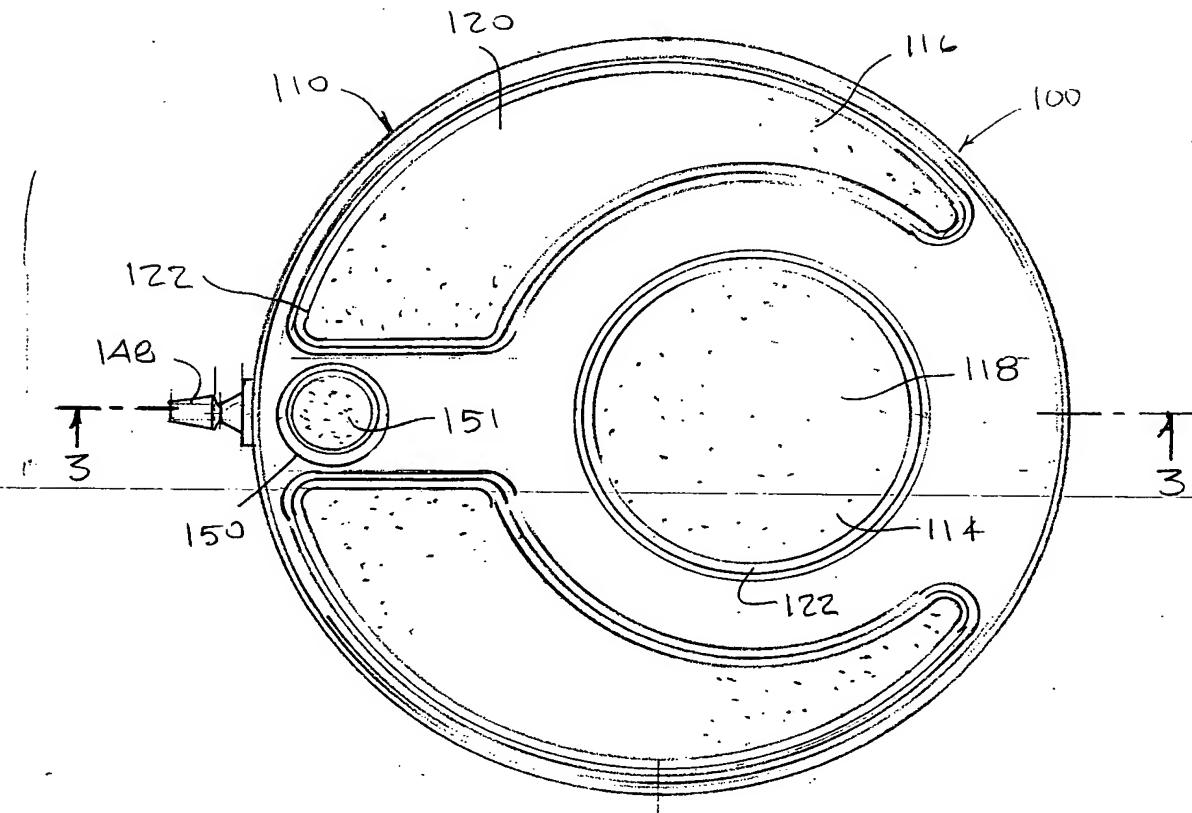
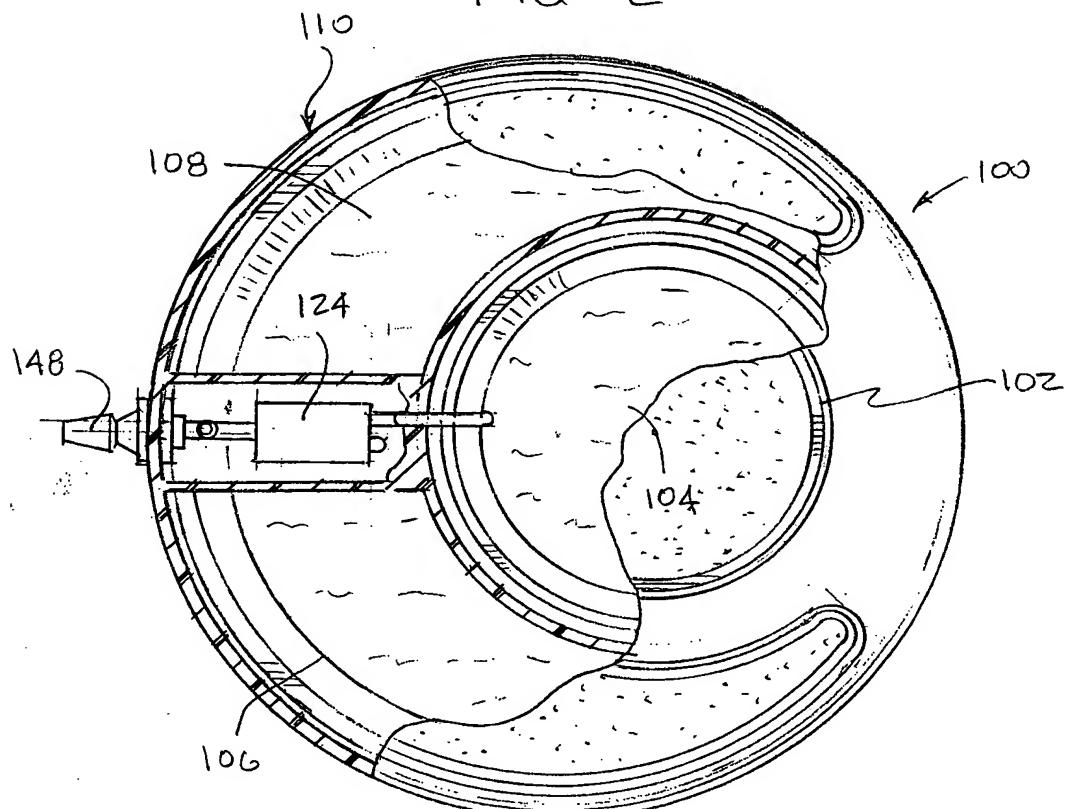


FIG. 2



2/9

FIG. 3

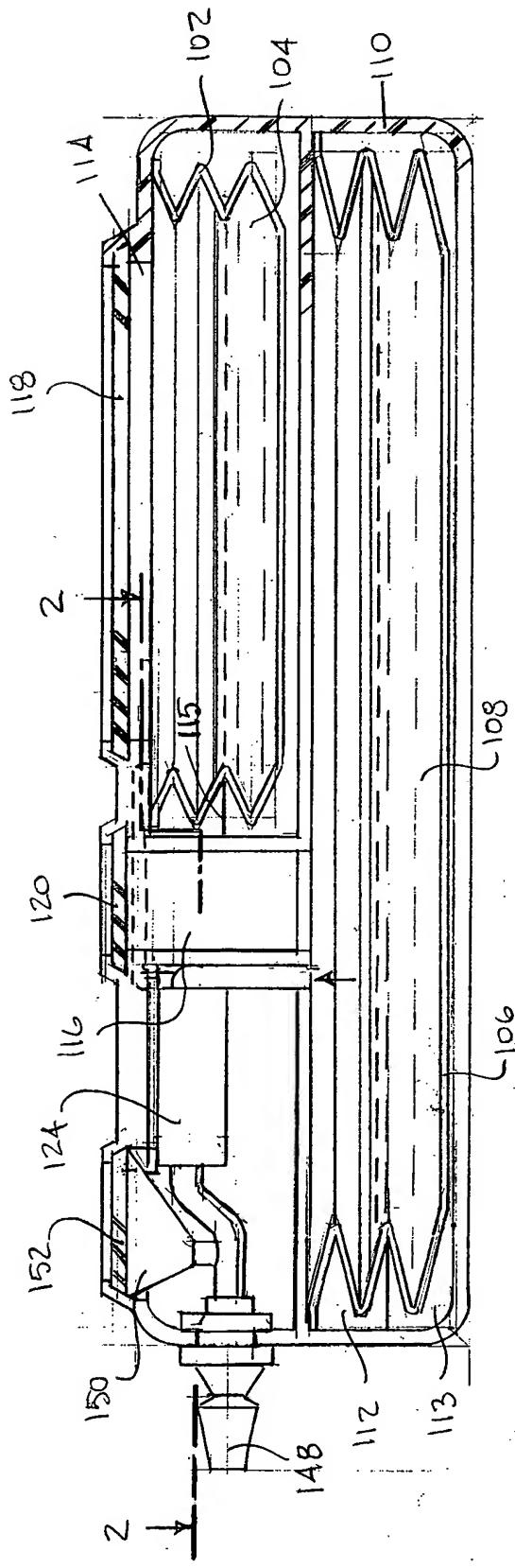


FIG. AA

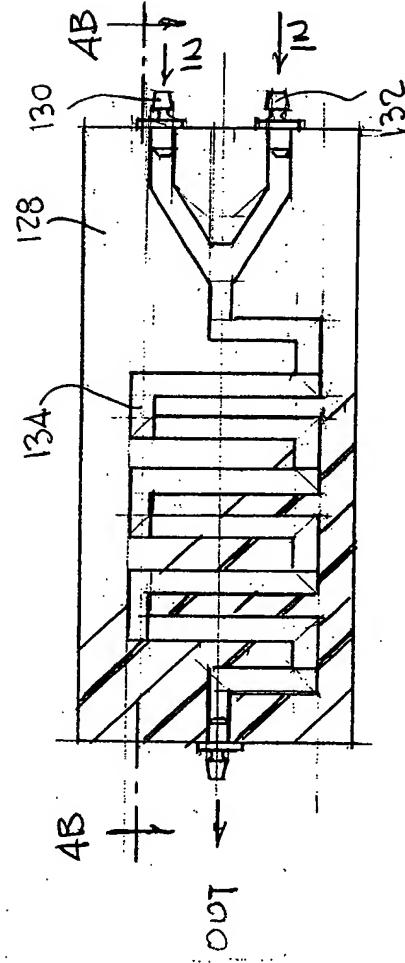
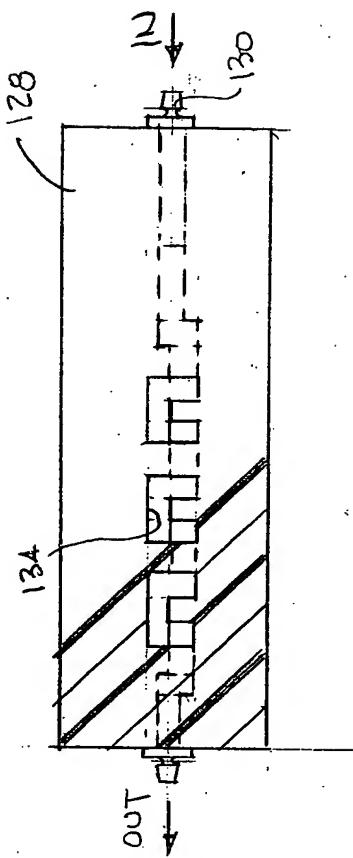


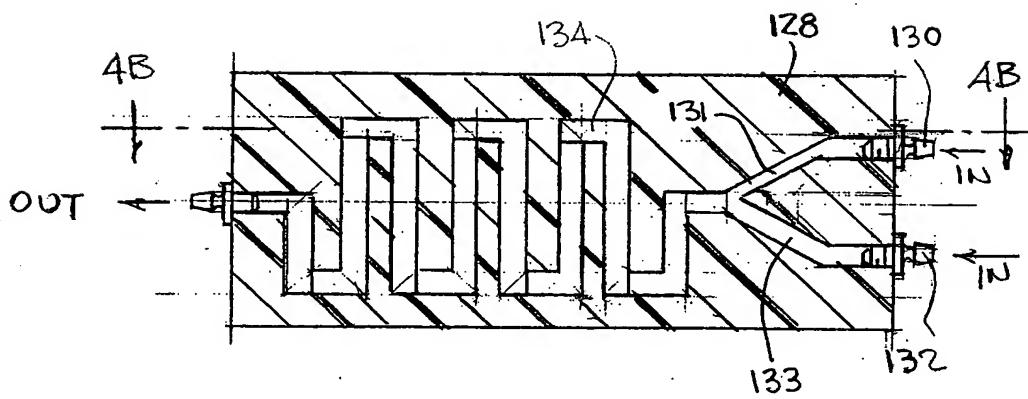
FIG. AB



Sigmund KULESSA
TWO-COMPARTMENT REDUCED VOLUME
INFUSION PUMP
02640/000M793-US0

3/9 |

FIG. 4c



4/9

FIG. 5

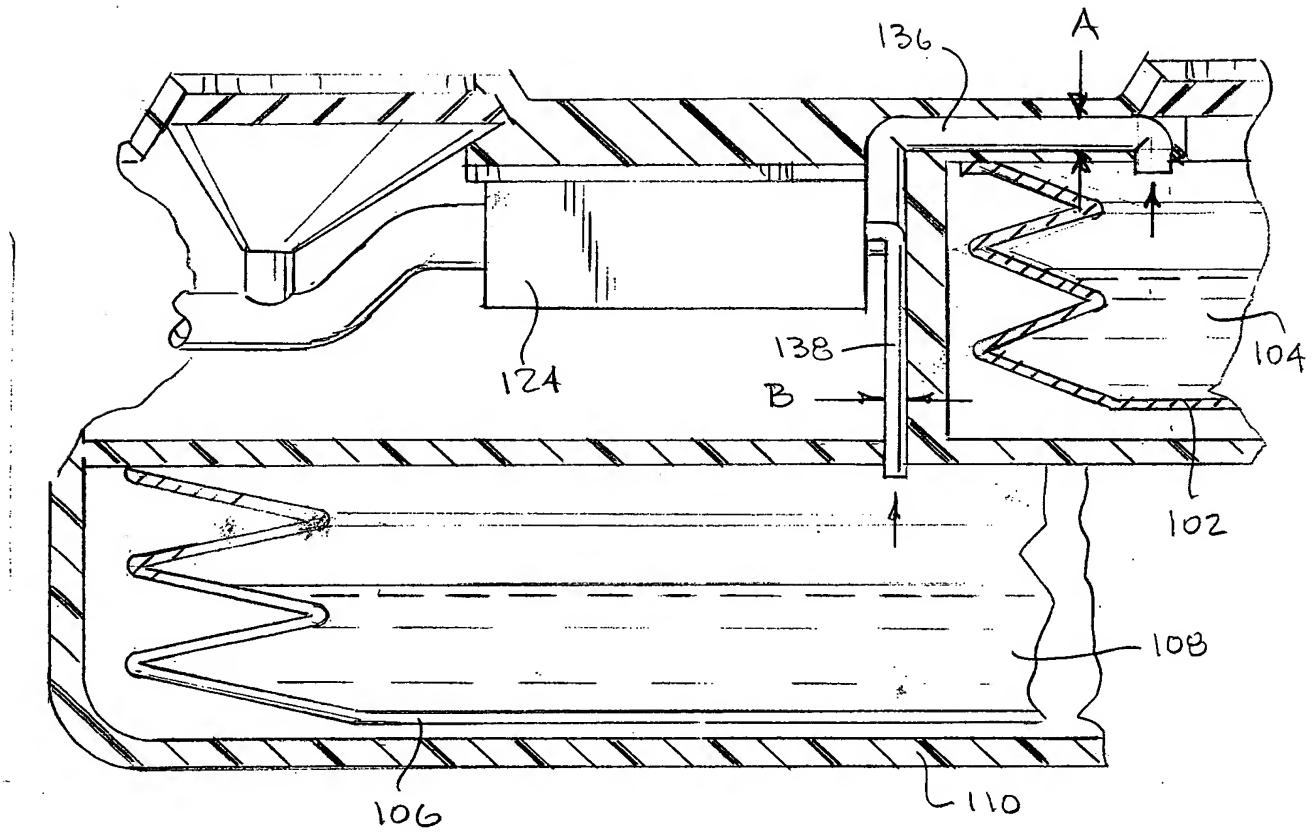
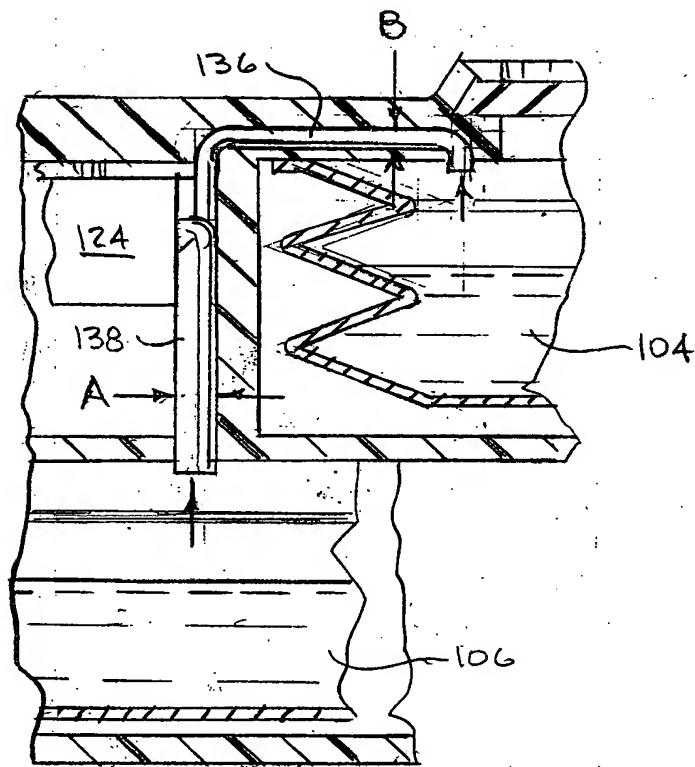


FIG. 6



[5/9]

FIG. 7

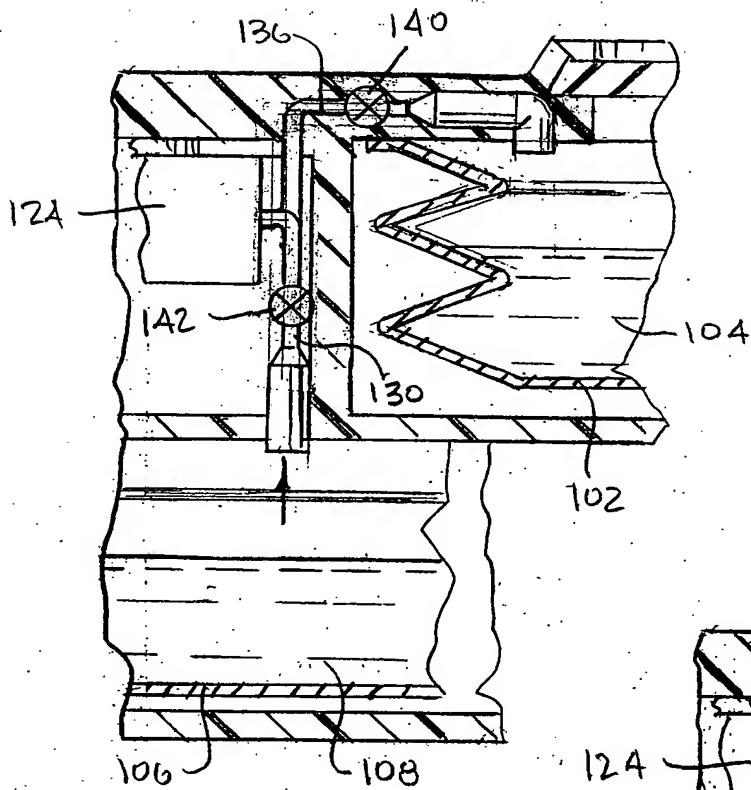


FIG. 9

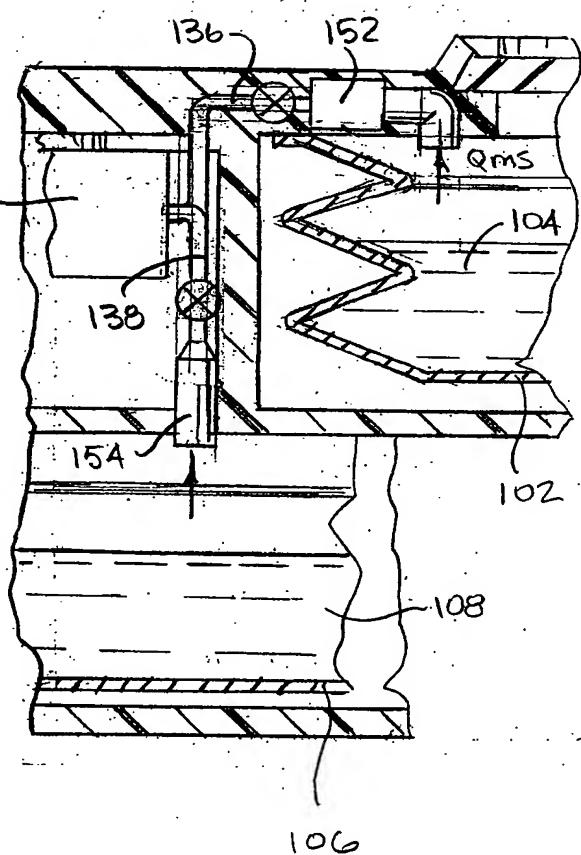
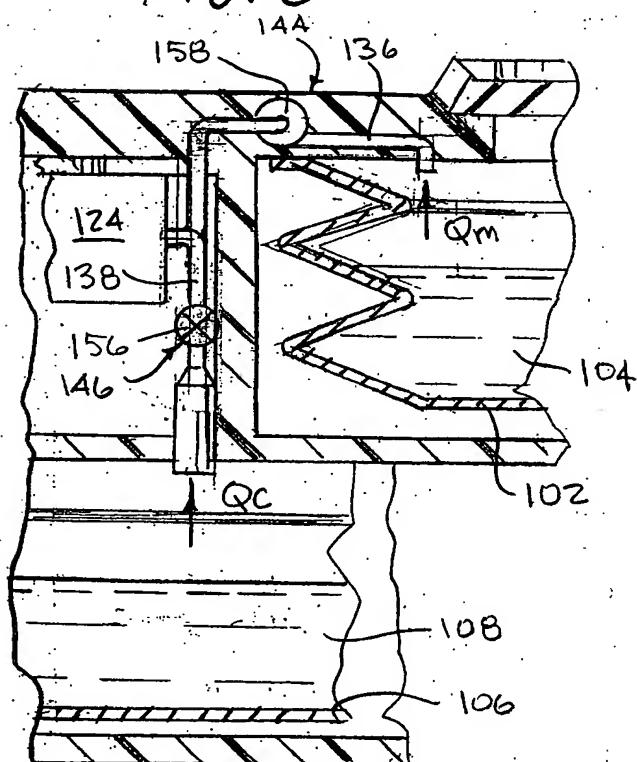


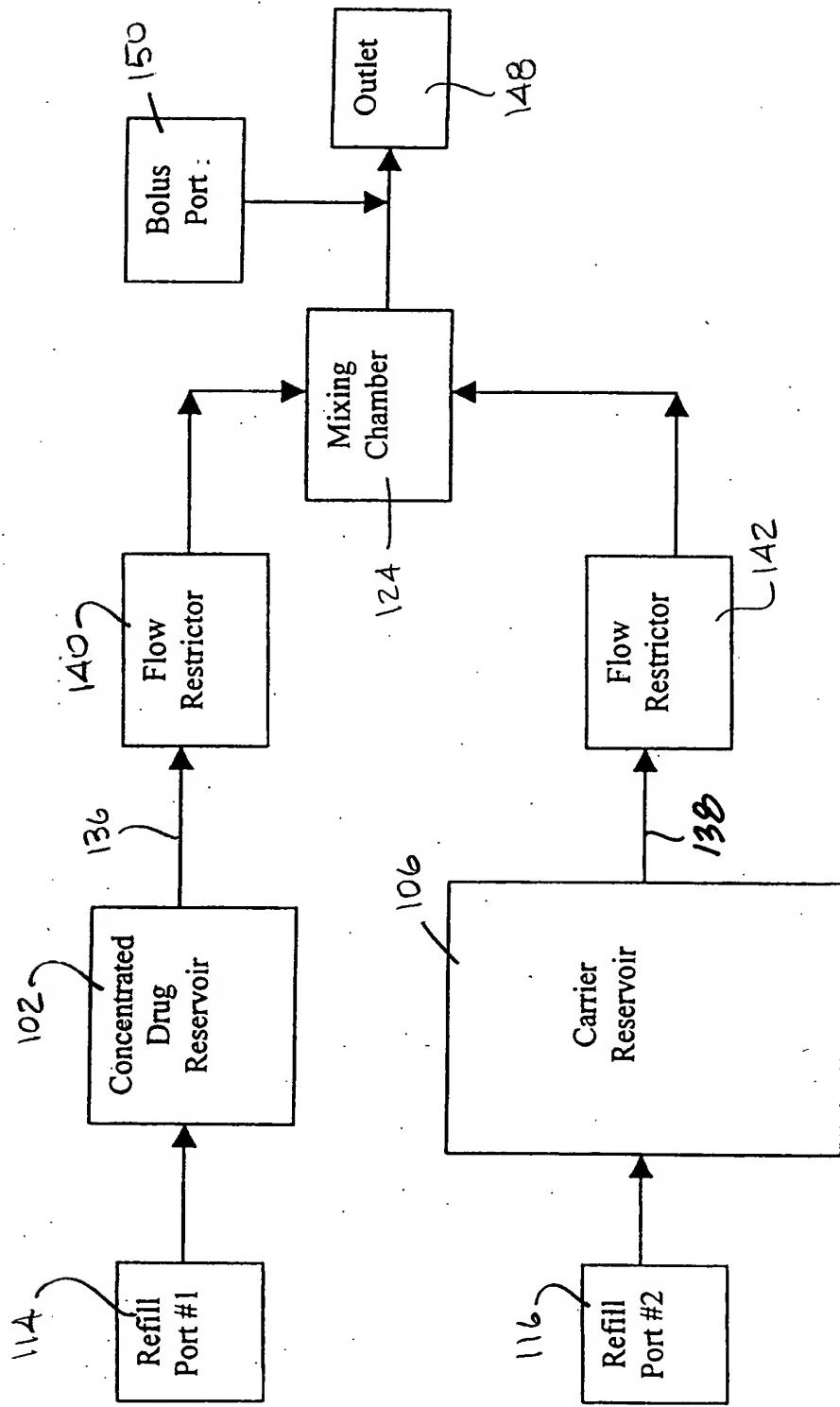
FIG. 8



Sigmund KULESSA
TWO-COMPARTMENT REDUCED VOLUME
INFUSION PUMP
02640/000M793-US0

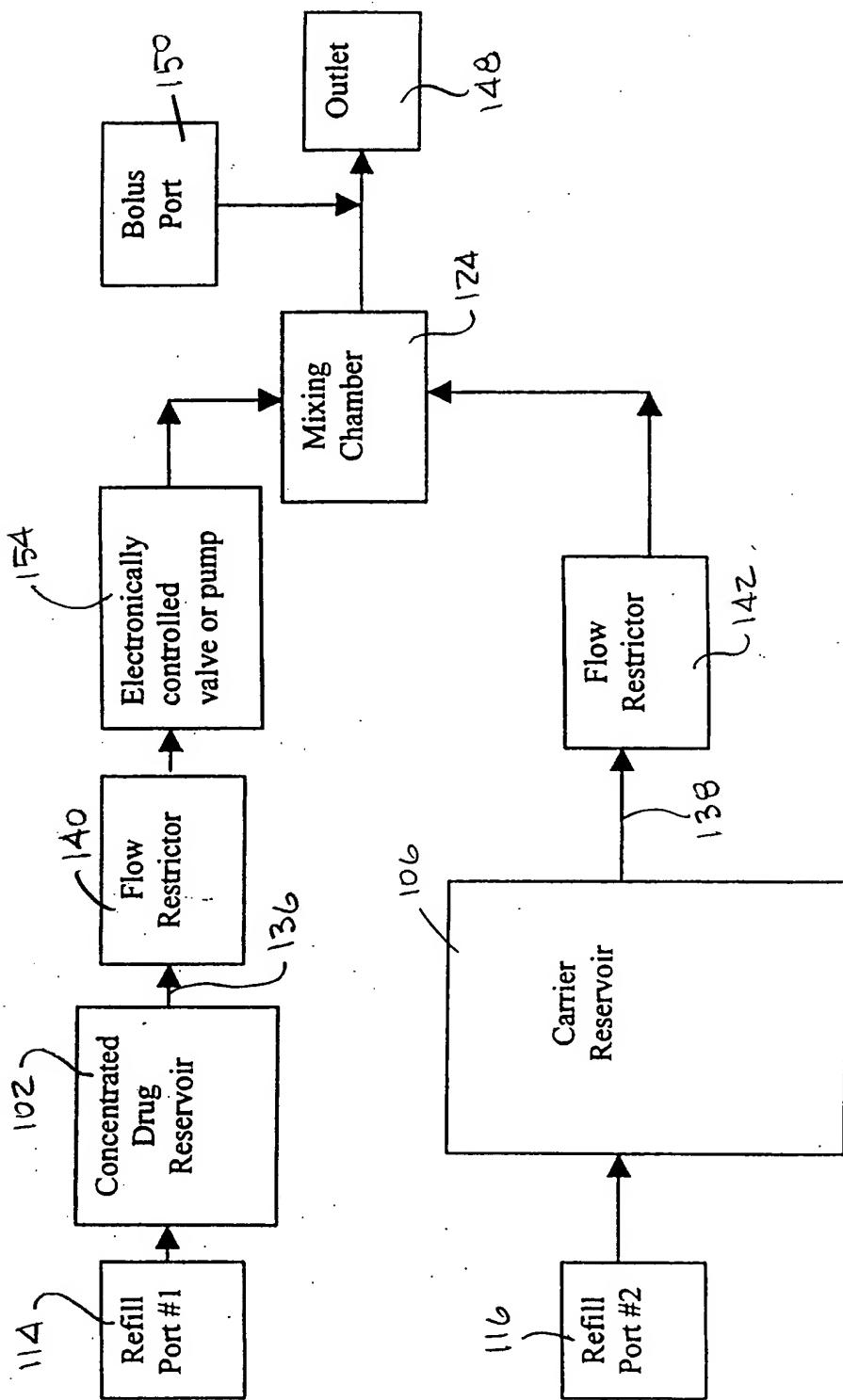
6/9

FIG. 10



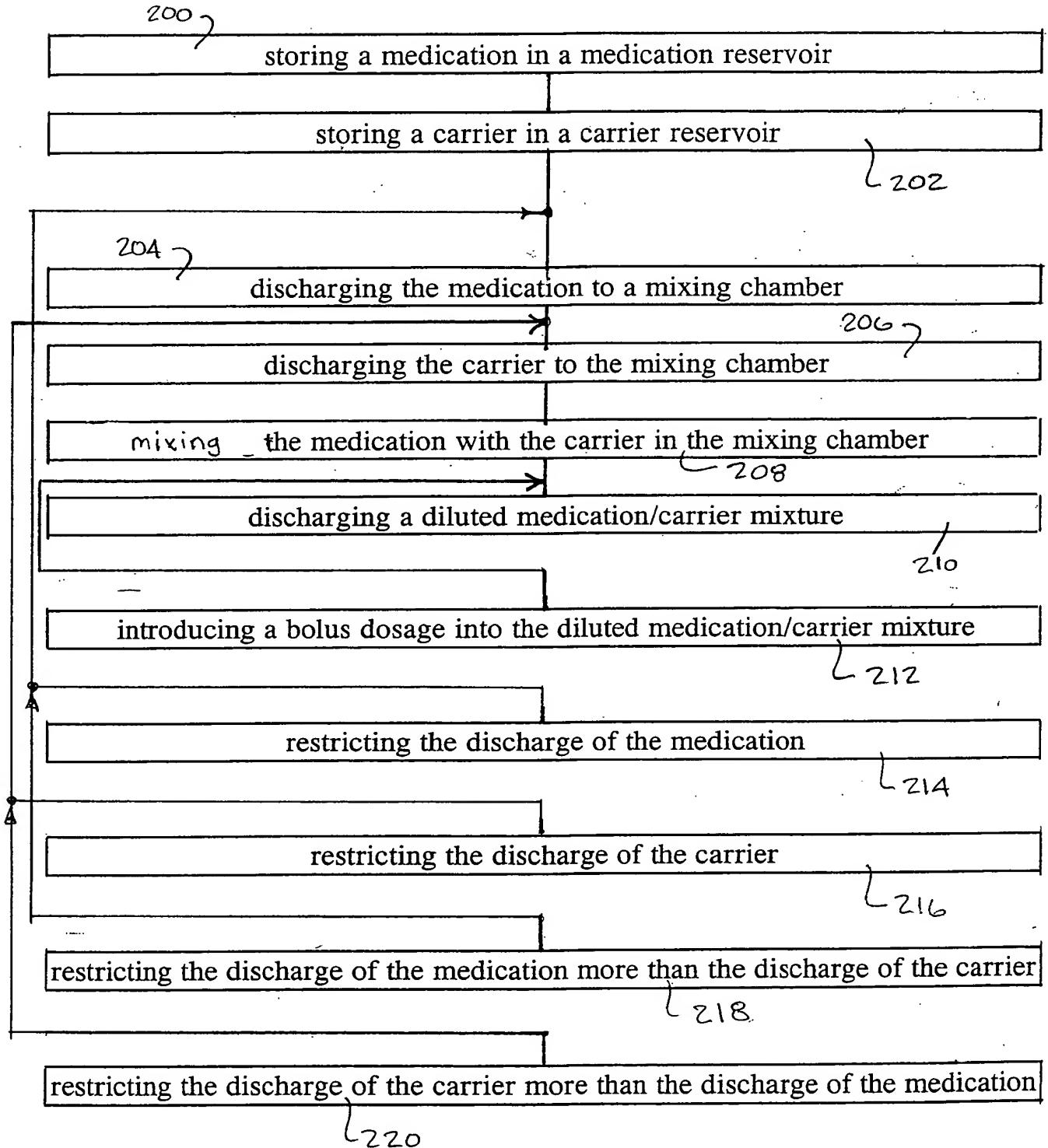
7/9

FIG. 11



8/9 |

FIG. 12



9/9

FIG. 13

222 contacting the medication with the carrier in the mixing chamber

flowing a contacted medication/carrier mixture through a series of mixing elements

224 delaying the discharging diluted medication/carrier mixture until the medication is diluted to the proper dosage

226

FIG. 14

200 storing a medication in a medication reservoir

201 storing a carrier in a carrier reservoir

204

discharging the medication to a mixing chamber

202

controlling the discharge of the medication to the mixing chamber

228

discharging the carrier to the mixing chamber

206

mixing the medication with the carrier in the mixing chamber

208

discharging a diluted medication/carrier mixture

210